

# Craftsman spreader user manual

craftsman spreader user manual: Your Comprehensive Guide to Proper Usage and Maintenance

A well-maintained spreader is essential for efficient lawn care, gardening, and landscaping projects. Whether you're spreading fertilizer, seed, salt, or other granular materials, understanding how to correctly operate and maintain your Craftsman spreader ensures optimal performance and longevity. This detailed user manual will walk you through the key features, setup instructions, safety tips, operating procedures, maintenance routines, troubleshooting advice, and tips for maximizing your spreader's effectiveness. By following this guide, you can enjoy healthy lawns and beautiful gardens with ease and confidence.

### Introduction to Craftsman Spreader

The Craftsman spreader is a versatile tool designed to distribute various materials evenly across your lawn or garden. Known for durability and ease of use, Craftsman spreaders come in different models including broadcast, drop, and hand-held types. Each model has unique features tailored to specific tasks, but all require proper understanding for optimal operation.

### Key Features of Craftsman Spreaders:

- Adjustable rate controls for precise material application
- Durable construction with corrosion-resistant parts
- Easy-to-fill hoppers for quick loading
- Wide spreading widths for efficiency
- Ergonomic handles for comfortable operation

### Getting Started: Assembly and Setup

Before using your Craftsman spreader, ensure it is properly assembled and set up for your specific needs.

### Assembly Instructions

Most Craftsman spreaders come partially assembled, but some parts may require assembly:

- Attach the handle to the main body using the provided bolts and nuts.
- Secure the wheel(s) to the axles, ensuring they spin freely.
- Attach any included hopper extensions if needed.
- Check that the spreader is stable and all components are tightened securely.

### Initial Setup and Calibration

To achieve uniform spreading:

- Adjust the flow control to the lowest setting before loading.
- Fill the hopper with a small amount of material to test the spread pattern.
- Adjust the flow rate based on the test results, increasing gradually until the desired spread is achieved.
- Mark or note the optimal setting for future use.

### Safety Precautions

Safety should always be a priority when operating the Craftsman spreader. Follow these precautions:

- Wear protective gear such as gloves, goggles, and a dust mask if spreading chemicals or powders.
- Operate on even terrain to prevent tipping.
- Keep children and pets away from the work area.
- Do not overload the hopper beyond its capacity.
- Avoid spreading near open flames or heat sources, especially when handling flammable materials.
- Read all warnings and instructions provided with the materials you intend to spread.

### Operating Your Craftsman Spreader

Proper operation is crucial for even distribution and to prevent damage to the spreader.

### Loading the Spreader

Use a scoop or shovel to fill the hopper with the desired material. Do not overload; refer to the maximum capacity specified in your manual. Close the hopper lid securely to prevent spillage during movement.

### Adjusting the Spread Rate

Use the control lever or dial to set the flow rate. Start with a low setting and increase as needed based on the material and desired coverage. For even spreading, maintain a consistent walking pace.

### Spreading Technique

Begin walking at a steady pace, ensuring the spreader is moving smoothly. Overlap passes slightly to avoid gaps. Turn off the spreader before stopping to prevent excess material from falling. Be mindful of edges, flower beds, and driveways to avoid overspreading.

### Tips for Effective Spreading

Spread when the ground is dry for best

results. Avoid spreading during windy conditions to prevent material drift. Use the appropriate setting for different materials: Fertilizer: medium flow Seed: low flow Salt: high flow Maintain consistent walking speed for uniform coverage.

**Maintenance and Cleaning** Regular maintenance ensures your Craftsman spreader remains in top condition and extends its lifespan.

**Cleaning After Use** Empty the hopper completely. Use a brush or scraper to remove residual material. Rinse the hopper and wheels with water, avoiding harsh chemicals. Dry thoroughly to prevent rusting.

**Lubrication** Apply light machine oil to moving parts such as axles and control mechanisms periodically. Check for signs of wear or corrosion and address promptly.

**Storage Tips** Store the spreader in a dry, sheltered place. Cover with a tarp or dust cover if stored outdoors. During winter or extended periods of non-use, clean and dry the spreader thoroughly.

**Replacing Parts** Replace worn or damaged wheels, agitators, or control components promptly. Use genuine Craftsman replacement parts for compatibility and safety.

**Troubleshooting Common Issues** Even with proper use, you might encounter some issues. Here are common problems and solutions:

| Issue                              | Possible Cause                         | Solution                                      |
|------------------------------------|----------------------------------------|-----------------------------------------------|
| Material not spreading             | Clogged or blocked hopper outlet       | Clear blockage, clean hopper and outlet       |
| Uneven spread pattern              | Improper calibration or uneven terrain | Recalibrate flow rate, spread on level ground |
| Spreader not moving                | Wheel axle jammed or damaged           | Inspect and lubricate or replace wheels       |
| Material spilling during transport | Hopper lid not secured                 | Ensure lid is closed tightly before moving    |
| Control lever not responding       | Mechanical failure or dirt buildup     | Clean, lubricate, or replace control parts    |

**Maximizing Efficiency with Your Craftsman Spreader** To get the most out of your spreader, consider these expert tips: Perform a test run with a small amount of material to calibrate settings. Use marker flags or cones to outline your path. Keep a steady walking pace to ensure even application. Regularly inspect your spreader for maintenance needs. Adjust settings based on the type of material and weather conditions. Plan your spreading route to minimize overlapping and wasted material. Use high-quality materials compatible with your spreader to prevent clogs.

**Conclusion** A Craftsman spreader is an invaluable tool for maintaining a lush lawn and thriving garden. Proper setup, safe operation, regular maintenance, and troubleshooting are key to maximizing its performance. By following this comprehensive user manual, you can ensure your Craftsman spreader functions efficiently and lasts for many seasons. Remember to always prioritize safety and calibration for the best results. With care and attention, your spreader will become an essential part of your gardening and lawn care arsenal, helping you achieve professional-quality results with ease.

**Keywords:** Craftsman spreader user manual, how to use Craftsman spreader, spreading fertilizer with Craftsman spreader, maintenance of Craftsman spreader, troubleshooting Craftsman spreader, calibration tips for Craftsman spreader, safety tips for lawn spreaders, best practices for seed spreading, salt spreading techniques

**Craftsman Spreader User Manual: A Comprehensive Guide for Optimal Use and Maintenance**

**Introduction** A craftsman spreader user manual is an essential resource for anyone looking to effectively operate and maintain their spreading equipment. Whether you're spreading fertilizer, seed, salt, or other granular materials, understanding the correct procedures and safety

precautions is key to achieving the best results and prolonging the lifespan of your tool. This guide provides a detailed overview of the typical features of a Craftsman spreader, step-by-step instructions for assembly and operation, safety tips, troubleshooting advice, and maintenance guidelines to keep your spreader in peak condition.

### Understanding the Craftsman Spreader: Features and Specifications

Before diving into operation, it's important to familiarize yourself with the core features of your Craftsman spreader. Different models may have variations, but most share common elements designed for efficiency and ease of use.

#### Key Components

- Hopper:** The container that holds the granular material. Its size varies depending on the model, influencing how much material can be spread before refilling.
- Agitator:** A mechanism inside the hopper that prevents material from bridging or clogging, ensuring consistent flow.
- Control Lever or Dial:** Allows you to adjust the spreading rate or flow rate, often calibrated for different materials.
- Drive Wheels:** Typically two large wheels that facilitate movement across terrain.
- Spread Pattern Adjuster:** An adjustable opening or deflector that controls the width and pattern of the spread.
- Mounting Options:** Some spreaders are handheld, while others are designed for attachment to lawn tractors or ATVs.

### Technical Specifications to Note

- Maximum Load Capacity:** How much material the hopper can hold.
- Spread Width Range:** The maximum and minimum width of coverage.
- Flow Rate Settings:** The number of settings or calibration points for different material types.
- Weight:** When empty and loaded, for handling and storage considerations.
- Compatibility:** Suitable for use with specific types of granular materials.

Having a clear understanding of these features helps in selecting the right setting for your task, ensuring even coverage and preventing waste.

### Assembling Your Craftsman Spreader: Step-by-Step Instructions

Proper assembly is the foundation of safe and effective operation. While models may differ, the general process involves:

- Unboxing and Inspection** Remove all parts carefully and check for damage or missing components. Read the manual specific to your model for any unique assembly steps.
- Attaching the Handle and Frame** Assemble the handle according to the instructions, securing it tightly with bolts or screws. Ensure that the frame is stable and all fasteners are tight.
- Installing the Hopper** Mount the hopper onto the frame, aligning bolt holes properly. Secure with the provided nuts and bolts, tightening to prevent wobbling.
- Connecting the Drive Wheels** Attach the wheels to the axle, ensuring they spin freely. Check for proper alignment to avoid uneven spreading.
- Attaching the Spread Pattern Adjuster** Install the deflector or cover as per instructions. Adjust the spread width setting to the desired level for your application.

### Final Inspection

Verify all fasteners are tight. Confirm that moving parts, such as the agitator and wheels, operate smoothly. Test the spreader on a flat surface to ensure proper functioning.

**Tip:** It's advisable to perform a dry run without material to familiarize yourself with the controls.

### Operating Your Craftsman Spreader Safely and Effectively

Once assembled, understanding how to operate the spreader correctly is crucial for safety and efficiency.

#### Preparing for Use

- Select Appropriate Material:** Use only recommended granular materials compatible with your spreader.
- Wear Safety Gear:** Gloves, goggles, and a dust mask if necessary.
- Level Surface:** Operate on flat terrain to prevent tipping or uneven spreading.
- Check Weather Conditions:** Avoid using during rain or high winds, which can affect spread pattern and safety.

#### Loading the Spreader

Fill the hopper carefully to avoid spillage. Do not overload beyond the maximum capacity to prevent damage or uneven flow. Distribute the material evenly to avoid imbalance.

#### Adjusting Settings

Set the flow rate dial or control lever based

on the material and coverage area. Use calibration charts if provided, or conduct a test run on a small section.

### Spreading Technique

Begin moving at a steady pace to ensure uniform coverage. Overlap passes slightly to avoid gaps. Adjust the spread width as needed to match your coverage area. Use the pattern adjuster to control the spread width and pattern.

### Post-Operation Checks

Clear any remaining material from the hopper. Inspect the spreader for any damage or wear. Store in a dry, sheltered location.

### Safety Precautions and Best Practices

Operating a Craftsman spreader involves handling potentially hazardous materials and moving machinery. Adhering to safety protocols safeguards you and those around you.

#### Read the Manual Thoroughly:

Understand all warnings and instructions before use.

#### Wear Appropriate Clothing:

Long sleeves, sturdy shoes, and eye protection.

#### Avoid Loose Clothing:

Prevent entanglement in moving parts.

#### Operate on Appropriate Terrain:

Avoid steep slopes to prevent tipping.

#### Keep Bystanders Away:

Maintain a safe distance during operation.

#### Handle Materials Safely:

Store chemicals securely and dispose of unused materials responsibly.

#### Turn Off When Not in Use:

Always stop the spreader before adjusting settings or refilling.

### Troubleshooting Common Issues

Even with proper operation, issues can arise. Recognizing and addressing these problems promptly can extend the lifespan of your spreader.

| Issue                          | Possible Cause                          | Solution                                              |
|--------------------------------|-----------------------------------------|-------------------------------------------------------|
| Material not flowing           | Clogged or bridged in hopper            | Clear obstructions, ensure agitator is functioning    |
| Uneven spreading               | Incorrect calibration or uneven terrain | Recalibrate flow rate, operate on level ground        |
| Spread pattern too narrow/wide | Incorrect adjustment                    | Adjust pattern control, check deflector positioning   |
| Wheels not turning             | Jammed or damaged wheels                | Inspect and free jam, replace if necessary            |
| Excessive vibration            | Loose parts or imbalance                | Tighten bolts, check for damaged wheels or components |

Regular maintenance and cleaning can prevent many of these issues.

### Maintenance and Storage Tips

Proper maintenance ensures your Craftsman spreader remains reliable season after season.

#### Cleaning After Use

Remove residual material to prevent corrosion. Wash with water if applicable, avoiding direct exposure to harsh chemicals. Dry thoroughly to prevent rust.

#### Inspection and Repairs

Check for worn or damaged parts such as wheels, fasteners, or the agitator. Replace worn components promptly. Lubricate moving parts, such as wheel axles, as recommended.

### Storage Recommendations

Store in a dry, sheltered environment. Keep away from extreme temperatures. Cover with a tarp if stored outdoors.

### Routine Checks

Before each use, inspect for damage. Annually, perform a thorough maintenance check.

### Customizing Your Spreader for Different Materials

Different granular materials may require adjustments to optimize performance.

#### Fertilizer:

Typically requires moderate flow settings; calibrate for even distribution.

#### Seed:

Use lower flow rates to prevent clumping.

#### Salt or Ice Melt:

Adjust spread width for larger coverage; ensure the hopper is free of moisture.

#### Lime or Soil Amendments:

May require specific pattern adjustments for best coverage. Always refer to manufacturer recommendations for specific material handling instructions.

### Final Thoughts

A craftsman spreader user manual is more than just a set of instructions; it's a vital tool for achieving professional-quality results in lawn care, gardening, and snow removal. Proper assembly, operation, maintenance, and safety practices not only optimize your coverage but also extend the lifespan of your equipment. By understanding the detailed features of your Craftsman spreader and adhering to best practices, you can ensure efficient, safe, and effective use across various applications. Investing time in familiarizing yourself with your spreader and its manual

ultimately pays off with healthier lawns, better crop yields, and safer winter roads. Whether you're a seasoned gardener or a DIY homeowner, mastering your Craftsman spreader enhances your productivity and contributes to a cleaner, safer environment.

## QuestionAnswer

How do I assemble my Craftsman spreader for the first time?

To assemble your Craftsman spreader, start by attaching the handle to the frame using the provided bolts and nuts. Next, attach the hopper to the frame, ensuring all screws are tightened securely. Refer to the user manual's assembly diagram for detailed step-by-step instructions.

How do I calibrate my Craftsman spreader for accurate spreading?

To calibrate your Craftsman spreader, fill the hopper with a measurable amount of material and spread it over a known area. Weigh or measure the amount dispersed, then adjust the flow rate control or settings as recommended in the manual to achieve even distribution.

What type of materials can I use with my Craftsman spreader?

Your Craftsman spreader is suitable for various materials such as lawn seeds, fertilizers, peat moss, and ice melt products. Always check the user manual for specific material recommendations and maximum load capacities to avoid damage.

How do I troubleshoot if my Craftsman spreader is not dispensing material properly?

First, check for clogs or jams in the hopper or spreader mechanism. Clear any debris or blockages. Ensure the flow rate control is set correctly. If the problem persists, refer to the troubleshooting section in the manual or contact customer support.

How do I clean and maintain my Craftsman spreader?

After each use, empty the hopper and brush off any residual material. Use a garden hose to rinse the hopper and spreader parts, avoiding the motor or electrical components. Regularly lubricate moving parts as recommended in the user manual to ensure smooth operation.

Can I use my Craftsman spreader on uneven terrain?

While the spreader is designed for typical yard surfaces, using it on very uneven terrain may affect

its performance. Always operate on stable ground to ensure even spreading and prevent damage to the unit. Refer to the user manual for tips on best usage practices.

What safety precautions should I follow when using the Craftsman spreader?

Always wear protective gloves and eyewear when handling materials. Keep children and pets away from the working area. Do not overload the hopper, and ensure the spreader is on a flat surface during operation. Consult the safety instructions section in the user manual for comprehensive guidelines.

How do I store my Craftsman spreader during the off-season?

Clean the spreader thoroughly, removing any residual materials. Store it in a dry, sheltered place away from harsh weather. Keep it in a upright position or as recommended in the manual to prevent damage to moving parts.

Where can I find a replacement part or manual for my Craftsman spreader?

Replacement parts and user manuals are available on the Craftsman website or through authorized service centers. Use the model number printed on your spreader to ensure compatibility when ordering parts or manuals.

Related keywords: craftsman spreader instructions, craftsman spreader parts, craftsman spreader troubleshooting, craftsman spreader assembly, craftsman fertilizer spreader guide, craftsman spreader maintenance, craftsman spreader replacement parts, craftsman spreader calibration, craftsman spreader model manual, craftsman spreader operation

## **Battery powered hand held fertilizer spreader**

Introduction to Battery Powered Hand Held Fertilizer Spreadersbattery powered hand held fertilizer spreader has revolutionized the way gardeners, landscapers, and farmers distribute fertilizers across various terrains. With advancements in battery technology and ergonomic design, these tools offer a more efficient, precise, and eco-friendly alternative to traditional manual or motorized spreaders. Whether you're maintaining a small garden or managing large agricultural plots, a battery powered hand held fertilizer spreader can significantly streamline your fertilization process, saving time and effort while ensuring even coverage and optimal plant health.What Is a Battery Powered Hand Held Fertilizer Spreader?A battery powered hand held fertilizer spreader is a

portable device designed to distribute granular or pelletized fertilizers, seeds, or other lawn and garden materials. It operates using a rechargeable battery that powers a motor or mechanical system to dispense the material evenly across your desired area. Its handheld design makes it lightweight and easy to maneuver, especially for small to medium-sized tasks.

### Advantages of Using a Battery Powered Hand Held Fertilizer Spreader

- Enhanced Efficiency and Consistency**Ensures uniform distribution of fertilizer, reducing waste and under- or over-fertilization.Speeds up the spreading process compared to manual methods.
- Portability and Ease of Use**Compact and lightweight for easy handling.No need for cords or external power sources, allowing unrestricted movement.
- Eco-Friendly Operation**Battery-powered systems produce no emissions.Reduces reliance on gasoline or manual labor.
- Precision and Control**Adjustable spread rates for different materials and application areas.Often equipped with selector options for different spreading widths or flow rates.
- Cost-Effective and Low Maintenance**Lower operational costs compared to gas-powered spreaders.Fewer moving parts, leading to easier maintenance.

### Key Features to Consider When Choosing a Battery Powered Hand Held Fertilizer Spreader

- Battery Life and Power**Look for models with long-lasting batteries that can handle your typical workload.Rechargeable lithium-ion batteries are common, offering quick charging times and durability.
- Spreading Mechanism**Rotary or vibrating mechanisms help evenly disperse materials.Ensure compatibility with the types of fertilizer or seed you intend to use.
- Adjustable Settings**Variable flow control for precise application.Adjustable spread width to customize coverage.
- Capacity and Size**Choose a size that matches your typical application area.Larger capacity reduces the need for frequent refills but may add weight.
- Build Quality and Durability**Weatherproof and corrosion-resistant materials extend lifespan.Ergonomic design reduces fatigue during prolonged use.
- Additional Features**Ergonomic handle for comfort.Clear dosage indicators.Safety features such as automatic shut-off or overload protection.

### Popular Types of Fertilizer Spreading Mechanisms

**Rotary Spreaders**Utilize rotating disks to fling fertilizer outward.Suitable for granular and pelletized materials.Offer good coverage and uniformity.

**Vibratory Spreaders**Use vibrations to dispense fertilizer in a controlled manner.Excellent for fine powders or small particles.

**Drop Spreaders (Less Common in Handheld Models)**Drop fertilizer directly below the spreader opening.Typically larger and used in stationary or larger equipment.

### How to Use a Battery Powered Hand Held Fertilizer Spreader Effectively

#### Step-by-Step Guide

Charge the battery fully before starting your application.Fill the spreader with the appropriate fertilizer or seed, ensuring not to overfill.Adjust the flow rate and spread width according to your needs.Start the spreader and walk at a steady pace across the targeted area.Maintain consistent speed to ensure even coverage.After completing, turn off the spreader and clean it to prevent clogging or corrosion.Recharge the battery if necessary for future use.

### Maintenance Tips for Longevity and Performance

Regularly clean the spreading mechanism to prevent material buildup.Inspect the battery and charging port for damage or wear.Lubricate moving parts as recommended by the manufacturer.Store the spreader in a dry, cool place when not in use.Replace batteries or parts as needed to maintain optimal performance.

### Top Brands and Models of Battery Powered Hand Held Fertilizer Spreaders

- Scotts Turf Builder EdgeGuard Mini**Compact design suitable for small lawns.Battery operated with adjustable spread settings.Lightweight and user-friendly.
- Earthway 2050P Plus Handheld**

Spreader Known for durability and precise application. Compatible with various granular materials. Battery option available in newer models. 3. Scotts Wizz Handheld Spreader Budget-friendly with easy operation. Suitable for light fertilization tasks. Battery compatibility varies; check specific models. 4. Echo Bear Cat Handheld Spreader Heavy-duty construction for professional use. Incorporates battery-powered options in advanced models. Designed for durability and efficiency.

**Benefits of Upgrading to a Battery Powered Hand Held Fertilizer Spreader**

**Improved Accuracy:** Achieve more precise fertilization, promoting healthier plant growth.

**Time Savings:** Cover larger areas faster than manual spreading.

**Reduced Fatigue:** Less physical effort required, especially when applying over extended periods.

**Environmental Benefits:** Zero emissions and quieter operation compared to gas-powered spreaders.

**Versatility:** Can be used for various materials beyond fertilizer, such as seed or lime.

**Conclusion: Is a Battery Powered Hand Held Fertilizer Spreader Right for You?** Choosing the right fertilizer spreader depends on your specific needs, budget, and the scale of your gardening or farming activities. A battery powered hand held fertilizer spreader offers an excellent balance of portability, efficiency, and environmental friendliness. Its ease of use makes it suitable for homeowners, landscapers, and small-scale farmers looking to improve their fertilization process without investing in bulky or expensive equipment. By considering the features outlined above and selecting a reputable model, you can enjoy more uniform fertilizer application, save time, and promote healthier gardens and crops. Investing in a quality battery powered hand held fertilizer spreader is a step toward more sustainable and effective gardening practices. With proper maintenance and usage, it can serve as a reliable tool for many seasons to come, enhancing the productivity and beauty of your green spaces.

**Battery Powered Handheld Fertilizer Spreader: The Modern Gardener's Essential Tool**

In the world of gardening and lawn maintenance, efficiency and precision are paramount. Traditional manual spreaders, while reliable, often demand significant effort and lack the consistency many modern gardeners seek. Enter the battery powered handheld fertilizer spreader—a revolutionary tool designed to combine mobility, ease of use, and accuracy into a compact device. As gardening techniques evolve, so does the equipment, and battery-powered handheld spreaders are quickly becoming a staple for homeowners, professional landscapers, and horticulturists alike. In this comprehensive review, we'll delve into the features, benefits, and considerations of battery-powered handheld fertilizer spreaders, helping you determine if this innovative tool is right for your gardening needs.

**What is a Battery Powered Handheld Fertilizer Spreader?** A battery powered handheld fertilizer spreader is a portable device that disperses granular or pelletized fertilizers, seeds, or other lawn treatments with minimal manual effort. Unlike traditional push or pull spreaders, these units incorporate an integrated rechargeable battery that powers an internal motor or agitator, which automatically dispenses the material at a consistent rate.

**Key Characteristics:**

- Compact and lightweight design** for easy maneuverability.
- Electric motor driven**, eliminating the need for manual cranking.
- Rechargeable battery**, usually lithium-ion, offering multiple hours of operation.
- Adjustable spread patterns and rates** for precise application.
- Typically suitable for small to medium-sized lawns,

garden beds, and hard-to-reach areas. Advantages of Battery Powered Handheld Fertilizer Spreaders

- 1. Ease of Use and Convenience** One of the primary benefits of battery-powered spreaders is their user-friendly design. The motorized mechanism reduces physical strain, making it accessible even for those with limited strength or mobility issues. Simply fill the hopper, turn on the device, and guide it across the targeted area. The internal motor ensures a steady, uniform distribution, which is difficult to achieve manually.
- 2. Consistent and Precise Application** Manual spreaders depend heavily on user technique, which can lead to uneven coverage or over-application. Battery-powered models feature adjustable settings for spread rate, allowing precise control. Some units even include digital or mechanical dials to set specific quantities, ensuring your plants receive the right amount without waste or runoff.
- 3. Time-Saving and Increased Efficiency** Automated dispensing speeds up the process significantly. You can cover larger areas more quickly than with traditional tools, freeing up time for other gardening tasks. This is especially beneficial for professional landscapers who require rapid, reliable results.
- 4. Enhanced Safety** Using a powered spreader minimizes the need for sharp tools or heavy lifting, reducing the risk of injury. Plus, the controlled release reduces the chance of fertilizer spillage or uneven application which can harm plants or contribute to environmental runoff.
- 5. Versatility** Many models are designed to handle various granular materials, including fertilizers, grass seed, lime, or even ice melt in winter. This versatility makes them valuable all-year-round gardening tools.

**Key Features of Modern Battery Powered Handheld Fertilizer Spreaders**

- 1. Battery Type and Capacity** Most handheld electric spreaders utilize lithium-ion batteries due to their high energy density, long cycle life, and lightweight nature. Battery capacity directly influences operational time—larger capacities allow longer use between charges. Typical run times range from 30 to 120 minutes, depending on the model and application rate.
- 2. Adjustable Spread Rate and Pattern** Flexibility is critical. Look for units with adjustable settings that control:
  - Application rate:** how much material is dispersed per unit time.
  - Spread width:** the width of coverage in a single pass.
  - Pattern control:** options for narrow or wide dispersal, suitable for different terrains.
 Some models include multiple nozzles or adjustable arms to tailor coverage precisely.
- 3. Hopper Capacity and Material Compatibility** Hopper size impacts how much fertilizer you can apply before needing a refill. Typical capacities fall between 1 to 5 liters, suitable for small to medium patches. Ensure the unit is compatible with your preferred fertilizer types—most work with granular or pelletized substances, but some may be sensitive to moisture or specific textures.
- 4. Ergonomic Design and Weight** Since handheld, weight and ergonomics matter. Lightweight materials like plastic or aluminum reduce fatigue, especially during extended use. Features like padded grips, adjustable straps, or balanced weight distribution enhance comfort.
- 5. Durability and Weather Resistance** Gardening often occurs outdoors, so selecting a model with weatherproof components and robust construction ensures longevity. Look for units with sealed motors and corrosion-resistant parts.
- 6. Additional Features to Consider**
  - LED indicators or digital screens:** for battery life and application settings.
  - Safety features:** such as automatic shut-off or overload protection.
  - Storage compartments:** for small tools or accessories.
  - Recharge indicators:** to monitor battery status during use.

**Popular Brands and Models** While the market offers a multitude of options, some brands stand out for quality, innovation, and reliability:

- Scotts Wizz Handheld Spreader:** Known for lightweight design and adjustable spread settings.
- Earthway Handheld**

Spreader: Offers durable construction with large hopper capacity. Husqvarna Battery-Powered Fertilizer Spreader: Features high-capacity batteries and precise control. Ryobi One+ Cordless Fertilizer Spreader: Integrates with existing battery systems, offering convenience. Choosing the Right Battery Powered Handheld Fertilizer Spreader Factors to consider: Size of the area: Larger yards may require units with bigger hoppers and longer battery life. Type of fertilizer: Ensure compatibility with your preferred materials. Frequency of use: Regular users benefit from higher-capacity batteries and durable construction. Budget: Prices range from budget-friendly options under \$50 to premium models above \$150. Battery ecosystem: If you already own compatible tools, choosing a model compatible with your existing batteries can offer savings. Maintenance and Care To maximize the lifespan and performance of your battery-powered spreader: Clean after each use: Remove residual fertilizer and debris to prevent clogging. Charge properly: Avoid overcharging or letting batteries drain completely frequently. Store in a dry place: Protect the device from moisture and extreme temperatures. Check moving parts: Regularly inspect and lubricate nozzles or agitators as needed. Replace batteries when needed: Over time, battery capacity diminishes; replacing old batteries preserves functionality. Limitations and Considerations Despite their advantages, battery-powered handheld spreaders are not without limitations: Limited run time: Depending on battery capacity, usage may be constrained for very large areas. Battery maintenance: Batteries require proper care and eventual replacement. Cost: High-quality models can be more expensive than manual spreaders. Material restrictions: Some materials may not feed smoothly or could clog the dispenser. Conclusion: Is a Battery Powered Handheld Fertilizer Spreader Right for You? For gardeners seeking a balance between ease of use, accuracy, and portability, a battery powered handheld fertilizer spreader is an excellent investment. They are particularly suited for small to medium-sized lawns, garden beds, or specialized application areas where precision and convenience are valued. By understanding the features, benefits, and limitations, you can select a model tailored to your specific gardening tasks, ultimately leading to healthier plants, more efficient work, and a more enjoyable gardening experience. As technology advances, these tools will continue to evolve, offering even greater autonomy, smarter controls, and enhanced durability?making the modern gardener's toolkit more powerful and versatile than ever before.

## QuestionAnswer

What are the main advantages of using a battery-powered hand-held fertilizer spreader?

Battery-powered hand-held fertilizer spreaders offer increased portability, ease of use, consistent dispersion, and reduced manual effort, making fertilizing tasks quicker and more efficient.

How long does the battery typically last on a single charge?

Battery life varies depending on the model and usage, but most handheld spreaders provide

between 1 to 3 hours of continuous operation on a full charge.

Are battery-powered fertilizer spreaders suitable for large-scale gardening or farming?

They are ideal for small to medium-sized gardens and lawns but may not be suitable for large-scale farming, where larger, more powerful equipment is generally required.

What types of fertilizers can be used with a battery-powered hand-held spreader?

Most models can handle granular, pellet, or granular-like fertilizers. However, it's important to check the manufacturer's specifications to ensure compatibility with your specific fertilizer type.

How do I maintain and prolong the battery life of my spreader?

To prolong battery life, keep the battery charged when not in use, avoid over-discharging, store it in a cool, dry place, and follow the manufacturer's maintenance recommendations.

Is it safe to use a battery-powered spreader around children or pets?

Yes, when used properly, battery-powered spreaders are generally safe. However, always keep fertilizers away from children and pets, and follow safety instructions provided by the manufacturer.

Can I adjust the spreading rate on a battery-powered hand-held fertilizer spreader?

Many models feature adjustable settings to control the spreading rate, allowing you to customize the application based on your needs and the type of fertilizer used.

Are battery-powered spreaders weather-resistant or suitable for outdoor use in various conditions?

Most are designed for outdoor use and may have weather-resistant features, but it's important to check the product specifications for water and dust resistance to ensure durability in different weather conditions.

What should I consider when choosing the best battery-powered hand-held fertilizer spreader?

Consider battery life, spreader capacity, adjustable settings, ergonomic design, weight, compatibility with fertilizer types, and user reviews to select the most suitable model for your gardening needs.

Related keywords: battery powered, handheld fertilizer spreader, cordless fertilizer spreader, garden

spreader, motorized seed spreader, electric fertilizer tool, portable fertilizer applicator, rechargeable spreader, handheld garden spreader, powered seed and fertilizer spreader

## True temper cyclone spreader settings

true temper cyclone spreader settings are essential for achieving optimal performance and uniform coverage when applying fertilizers, lime, or other granular materials. Properly calibrated spreader settings not only enhance crop yields but also minimize waste and environmental impact. Whether you're a seasoned farmer or a hobby gardener, understanding how to set your True Temper Cyclone spreader correctly can make a significant difference in your application results. In this comprehensive guide, we'll explore everything you need to know about True Temper Cyclone spreader settings, including how to calibrate, common adjustments, tips for accuracy, and troubleshooting.

**Understanding the True Temper Cyclone Spreader**

The True Temper Cyclone spreader is a popular broadcast spreader designed for even distribution of granular materials. Its durable construction, adjustable settings, and wide coverage area make it a favorite among homeowners and professionals alike. The spreader features a large hopper, adjustable control lever, and a spread pattern that can be tailored to specific materials and application rates.

**Key Components**

- Hopper:** Holds the granular material.
- Control Lever:** Adjusts the opening size for material flow.
- Drive Wheel:** Activates the spreader when pushed.
- Discharge Chute:** Distributes material outward in a wide pattern.
- Calibration Plate:** Provides recommended settings for different materials.

**Why Proper Spreader Settings Are Crucial**

Correct settings ensure uniform application, which is vital for:

- Preventing over-application, which can harm plants and the environment.
- Ensuring even coverage for effective fertilization or liming.
- Maximizing efficiency and reducing material waste.
- Protecting equipment by avoiding mechanical strain caused by incorrect settings.

**Steps to Determine True Temper Cyclone Spreader Settings**

- 1. Gather Necessary Tools and Materials**

Before starting, prepare:

  - Granular material to be spread (fertilizer, lime, etc.)
  - Measuring tape or ruler
  - A flat, open area such as a driveway or lawn
  - A container or a tarp to catch and measure dispensed material
  - Calculator for calculations
- 2. Read the Manufacturer's Calibration Chart**

Your spreader comes with a calibration chart or manual that provides recommended settings based on the material type and desired application rate. This chart is essential for initial setup.
- 3. Prepare the Spread Area**

Choose a flat, open space where you can make test passes without obstructions. Mark off a specific width (e.g., 10 feet) for consistency.
- 4. Adjust the Spreader to the Recommended Setting**

Based on the calibration chart:

  - Set the control lever to the recommended position for your material.
  - Ensure the spreader is clean and free of debris.
- 5. Conduct a Test Run**

Follow these steps:

  - Push the spreader at a consistent walking speed over the marked test area.
  - Dispense material onto a tarp or measuring container placed at the end of the test area.
  - Record the amount of material spread over the known distance.
- 6. Measure and Calculate Application Rate**

Calculate the application rate:

  - Measure the total amount of material dispensed (in pounds or grams).
  - Divide this by the area covered (in square feet or meters) to get pounds per 1,000 square feet or grams per square

meter. Compare this result with your desired application rate. If it's too high or low, adjust the spreader setting accordingly and repeat the test until the target rate is achieved.

### Adjusting Your True Temper Cyclone Spreader

#### Understanding the Control Lever

The control lever regulates the size of the opening through which material flows. Moving the lever:

- Upward or to a higher setting generally increases flow.
- Downward or to a lower setting decreases flow.

#### Common Settings and Their Uses

While settings vary depending on material and application rate, typical guidelines include:

- Lower settings (1-3): For light applications or small granules.
- Medium settings (4-6): For standard fertilization or liming.
- Higher settings (7-10): For heavy applications or larger granules.

#### Fine-Tuning for Specific Materials

Different materials have different flow characteristics. For example:

- Finer granules may require lower settings to prevent over-application.
- Larger granules might need higher settings for proper spread.

Always start with manufacturer recommendations and adjust based on test results.

#### Tips for Accurate Spreader Calibration and Use

- Regular Maintenance** Keep your spreader clean and well-maintained: Remove any residual material after each use. Lubricate moving parts as needed. Check for worn or damaged parts that could affect flow.
- Consistent Walking Speed** Maintain a steady pace during spreading to ensure uniform application. Use a pace that feels natural and sustainable.
- Overlap and Coverage** Overlap each pass slightly to avoid gaps. For large areas, consider multiple passes for even coverage.
- Environmental Conditions** Avoid spreading during windy conditions or on slopes that could cause uneven distribution.
- Use Calibration for Different Materials** Always recalibrate when changing materials to account for differences in flow characteristics.

#### Troubleshooting Common Issues

- Uneven Application** Check for blockages or debris in the hopper or discharge chute. Ensure the spreader is on a flat surface. Adjust the control lever gradually and test again.
- Material Not Dispensing** Confirm the hopper isn't empty. Inspect for clogs or jams. Verify the drive wheel is functioning properly.
- Over-Application of Material** Reduce the control lever setting. Slow down your walking speed. Recalibrate with a smaller setting for future runs.

### Conclusion

Achieving the correct True Temper Cyclone spreader settings is crucial for effective and efficient application of fertilizers, lime, or other granular materials. By understanding your spreader's components, reading the manufacturer's calibration chart, conducting test runs, and making precise adjustments, you can ensure uniform coverage and optimal results. Regular maintenance and consistent technique further enhance your spreading accuracy. Remember, calibration is not a one-time task but an ongoing process that adapts to different materials, conditions, and application goals. With proper knowledge and practice, you can maximize the benefits of your True Temper Cyclone spreader and support healthy, productive landscapes or crops.

### True Temper Cyclone Spreader Settings: Your Comprehensive Guide to Precision and Performance

#### Introduction

When it comes to lawn care and fertilization, the importance of proper spreader calibration cannot be overstated. The True Temper Cyclone Spreader is renowned for its durability, ease of use, and reliable performance. However, to maximize its effectiveness and ensure even, accurate coverage, understanding and correctly setting the spreader is essential. In this

detailed guide, we will explore everything you need to know about True Temper Cyclone spreader settings, including how to calibrate, adjust for different materials, troubleshooting tips, and maintenance practices.

### Understanding the True Temper Cyclone Spreader Overview of the Product

The True Temper Cyclone Spreader is a drop and broadcast spreader designed for residential and professional use. Its features include:

- Heavy-duty construction with a rust-proof poly hopper
- Adjustable flow control for precise material application
- Large-capacity hopper, typically around 65-80 pounds
- Wide tires for easy maneuverability
- Adjustable spread width for tailored coverage

### Why Proper Settings Matter

Incorrect spreader settings can lead to:

- Over-application, resulting in waste, runoff, or damage
- Under-application, leading to uneven lawns and insufficient fertilization
- Increased costs due to material waste
- Poor lawn health and aesthetics

Thus, setting your True Temper Cyclone correctly is crucial for optimal results.

### How to Determine the Correct Spread Rate

Before adjusting the spreader, it's important to understand the recommended application rate for your material, whether fertilizer, seed, lime, or grass seed.

#### Step-by-Step Process:

- Read the Product Label:** Manufacturers specify application rates, often in pounds per 1,000 square feet.
- Calculate Your Lawn Area:** Measure or estimate the total square footage of your lawn.
- Calculate Material Needed:** Based on the rate, determine how much material is needed for your lawn.
- Conduct a Test Run:** Use a small, controlled area to calibrate the spreader and check coverage.

### Calibrating the True Temper Cyclone Spreader

Calibration is the process of adjusting your spreader to deliver the correct amount of material per unit area. Here's how to perform this critical task:

#### Materials Required:

- A measuring tape or square footage calculator
- The product to be spread (fertilizer, seed, lime)
- A flat, open surface (driveway or sidewalk)
- Scale (for weighing material)

#### Calibration Procedure:

- Prepare the Spreader:** Fill the hopper with a known quantity of material (e.g., 5 pounds). Ensure the spreader is clean and in good working condition.
- Set the Spreader Settings:** Consult the True Temper Cyclone setting chart (usually provided in the user manual or online resources). For initial setup, start with a recommended setting or a middle-range number.
- Mark a Test Area:** Mark a 10-foot by 10-foot square (100 sq. ft.) on your driveway or sidewalk. This size is convenient and easy to measure.
- Spread the Material:** Push the spreader across the test area at a consistent walking pace. Make sure to operate the spreader as you normally would during regular application.
- Measure Material Dispensed:** After covering the test area, weigh the remaining material. Subtract the remaining weight from the initial amount to find out how much was spread.
- Calculate Application Rate:** Divide the amount spread by the area (in square feet):
 
$$\text{Application Rate} = \frac{\text{Material Used (lb)}}{100 \text{ sq ft}}$$
 Convert to pounds per 1,000 sq ft by multiplying by 10.
- Adjust the Spreader Setting:** Compare your actual application rate to the recommended rate. If too much material was spread, decrease the setting. If too little, increase the setting. Repeat the process until the desired application rate is achieved.

### Adjusting True Temper Cyclone Spreader Settings for Different Materials

Different materials require different spreader settings due to their size, weight, and flow characteristics.

- Fertilizer:** Usually requires moderate settings. Start with a setting of around 4-6. Adjust based on calibration results.
- Grass Seed:** Seed particles are larger and lighter. Use lower settings to prevent over-application. Typical starting point: 2-4.
- Lime (Calcium Carbonate):** Usually coarse and heavy. Set higher, around 6-8. Always calibrate first to avoid over-application.
- Fertilizer with Slow-Release Coatings:** Slightly lower settings might be needed due to the material's flow characteristics.

### Specific Setting

Recommendations Based on Material Type | Material | Typical Starting Setting | Notes || ----- | ----- || Fertilizer | 4-6 | Adjust based on calibration || Grass Seed | 2-4 | Use fine-tuned calibration for best results || Lime | 6-8 | Heavy, coarse particles require higher settings || Fertilizer with Coatings | 3-5 | May need to vary based on flow |Note: Always verify with your product's label and perform calibration tests when switching materials.

### Troubleshooting Common Spread Rate Issues

Despite best efforts, you might encounter issues when setting your True Temper Cyclone. Here are solutions:

**Over-application**  
**Symptoms:** Uneven green patches, runoff, waste.  
**Solutions:** Lower the spreader setting. Reduce walking speed. Ensure the material is flowing freely; clean any clogs.

**Under-application**  
**Symptoms:** Sparse coverage, uneven fertilization.  
**Solutions:** Increase the spreader setting. Double-check calibration. Ensure hopper is adequately filled and material flows smoothly.

**Material Clogging or Jamming**  
**Symptoms:** Material not flowing.  
**Solutions:** Clean the spreader, especially the flow gate. Use dry, free-flowing materials. Avoid mixing incompatible materials.

### Maintenance and Proper Use to Ensure Accurate Settings

**Regular maintenance** enhances the lifespan and performance of your True Temper Cyclone.

**Cleaning**  
 After each use, empty and clean the hopper. Use compressed air or a brush to clear the flow gate. Check for wear or damage on the agitator and wheels.

**Storage**  
 Store in a dry, sheltered place. Avoid exposure to extreme temperatures that could warp or degrade parts.

**Calibration Checks**  
 Recalibrate periodically, especially if you notice inconsistent coverage. Recalibrate after switching materials or if the spreader has been stored for a long time.

### Additional Tips for Optimal Spreader Performance

**Consistent Walking Speed:** Maintain a steady pace to ensure uniform application.

**Overlap Passes Slightly:** To avoid missed spots, slightly overlap each pass.

**Use a Guideline:** Mark your lawn with chalk lines or stakes for straight passes.

**Keep the Spread Width in Mind:** Adjust the spread width setting if available, to match your coverage needs.

**Weather Conditions:** Avoid spreading during windy or rainy conditions to prevent drift and runoff.

### Resources and Support

**User Manual:** Always refer to the official True Temper Cyclone manual for specific calibration charts and maintenance instructions.

**Online Forums:** Join lawn care communities for tips and shared experiences.

**Customer Support:** Contact the manufacturer for assistance with settings or troubleshooting.

### Final Thoughts

Achieving perfect True Temper Cyclone spreader settings is a combination of understanding your materials, precise calibration, and consistent application techniques. Proper setup not only conserves resources but also promotes a healthy, lush lawn. Regular maintenance and calibration checks ensure your spreader performs optimally season after season. By investing time in learning and calibrating your spreader, you'll enjoy more uniform, effective fertilization and seed distribution, leading to a more vibrant, resilient lawn. Remember, patience and accuracy are key?your lawn will thank you for it!Happy spreading!

## QuestionAnswer

What are the recommended spreader settings for the True Temper Cyclone spreader?

The recommended settings vary based on the material being spread and the desired application rate. It's best to consult the user manual or calibration instructions for specific settings tailored to your task.

How do I calibrate my True Temper Cyclone spreader for accurate application?

To calibrate, fill the hopper with a known weight of material, operate the spreader at your target setting, and measure the spread width and amount dispersed. Adjust the setting accordingly until the desired coverage is achieved.

What setting should I use for spreading fertilizer with the True Temper Cyclone?

For fertilizer, typical settings range from 3 to 5, but it depends on the fertilizer type and application rate. Always calibrate first to ensure accurate coverage.

Can I use the same settings for different materials on the True Temper Cyclone?

No, different materials have different flow characteristics. Always calibrate and adjust the settings for each material to ensure proper distribution.

How do weather conditions affect spreader settings on the True Temper Cyclone?

Wind, humidity, and moisture can influence spreader performance. It's recommended to calibrate under similar conditions to your actual application environment for best results.

What is the ideal spreader setting for seed application with the True Temper Cyclone?

Seed application settings typically range from 2 to 4, but always calibrate with your specific seed type and desired coverage to determine the best setting.

How often should I recalibrate my True Temper Cyclone spreader?

Recalibrate whenever you change materials, if you notice inconsistent coverage, or after extensive use to maintain accuracy.

Are there specific settings for spreading salt on driveways with the True Temper Cyclone?

Yes, for salt, settings generally range from 4 to 6, but calibration is recommended to match your desired application rate and salt type.

What tools can I use to help set and calibrate my True Temper Cyclone spreader?

Use a scale to weigh dispensed material, a measuring tape for coverage, and calibration cards or charts provided by the manufacturer for precise settings.

Where can I find calibration charts or setting recommendations for the True Temper Cyclone spreader?

Calibration charts and setting recommendations are typically found in the user manual or on the manufacturer's website. Contact customer support for specific guidance if needed.

Related keywords: true temper cyclone, spreader settings, lawn spreader, fertilizer spreader, broadcast spreader, setting adjustments, lawn care, spreader calibration, fertilizer application, true temper tools

## Garden plus broadcast spreader parts

Garden Plus Broadcast Spreader Parts: A Comprehensive Guide to Maintenance and Replacement

Maintaining your garden and lawn equipment is essential for ensuring optimal performance and longevity. Among these tools, the Garden Plus broadcast spreader is a popular choice for homeowners and professional landscapers alike. However, like any mechanical device, its parts can wear out or become damaged over time. Understanding the various Garden Plus broadcast spreader parts and their functions will help you troubleshoot issues, perform maintenance, and replace components effectively. In this article, we'll explore the key parts of a Garden Plus broadcast spreader, common problems, and maintenance tips to keep your spreader operating smoothly.

### Overview of Garden Plus Broadcast Spreader Parts

A broadcast spreader, also known as a rotary spreader, distributes seeds, fertilizer, and other granular materials evenly across your lawn. The Garden Plus model features several integral parts working together to ensure proper operation. Familiarity with these components is crucial for effective troubleshooting and maintenance.

### Key Components of Garden Plus Broadcast Spreaders

- 1. Hopper**The hopper is the large container that holds the seed, fertilizer, or other granular materials. Made typically of durable plastic, it's designed to withstand outdoor conditions.  
**Function:** Stores and dispenses materials during operation.  
**Maintenance tips:** Keep the hopper clean and dry to prevent clogging and material buildup.
- 2. Agitator or Flow Plate**Located inside the hopper, the agitator helps prevent materials from bridging or clogging.  
**Function:** Ensures a consistent flow of material toward the dispensing mechanism.  
**Common issues:** Worn or broken agitators can cause uneven spreading.
- 3. Spread Disc (Rotor)**This is the spinning disc that disperses the granular material in a wide pattern.  
**Function:** Rotates rapidly to throw seed or fertilizer evenly over the lawn.  
**Maintenance tips:** Inspect for cracks

or damage; clean debris after use.

**4. Gearbox or Drive Mechanism** The gearbox transmits power from the handle or wheel to the spread disc. **Function:** Converts manual or motor power into rotational motion. **Common issues:** Gear wear or lack of lubrication can impair function.

**5. Drive Wheel or Handle** Depending on the model, the spreader is propelled either manually via a handle or mechanically via wheels. **Function:** Allows the user to control movement and coverage rate. **Maintenance tips:** Check for smooth operation and adjust for comfortable handling.

**6. On/Off Control and Spreader Settings** Adjustable controls regulate the flow rate of materials. **Function:** Controls how much material is dispensed per unit area. **Common issues:** Settings may become sticky or unresponsive; clean and lubricate as needed.

**7. Frame and Base** The structural framework supports all parts and provides stability during operation. **Function:** Ensures durability and ease of movement. **Maintenance tips:** Inspect for rust, cracks, or loose bolts.

**Common Problems with Garden Plus Broadcast Spreader Parts and Solutions** Understanding potential issues with your spreader parts can save time and prevent damage. Here are some common problems and their solutions.

- 1. Clogging or Jamming** **Causes:** Moisture in the hopper, debris buildup, or worn agitator. **Solutions:** Clean the hopper thoroughly, ensure materials are dry, and replace worn parts.
- 2. Uneven Spreading** **Causes:** Worn spread disc, misaligned parts, or incorrect settings. **Solutions:** Inspect and replace the spread disc if damaged, calibrate the spreader, and ensure proper assembly.
- 3. Difficulty in Operating Controls** **Causes:** Dirt, debris, or corrosion affecting the on/off control or setting mechanisms. **Solutions:** Clean and lubricate controls; replace if damaged.
- 4. Mechanical Wear and Tear** **Causes:** Prolonged use causing gear or wheel wear. **Solutions:** Regular inspection and replacement of worn gears or wheels.
- 5. Broken or Cracked Parts** **Causes:** Impact or fatigue over time. **Solutions:** Replace broken parts immediately to prevent further damage.

**Replacing Garden Plus Broadcast Spreader Parts** When parts become damaged or worn out, replacing them promptly is vital for maintaining performance. Here's a step-by-step guide:

- Step 1: Identify the Faulty Part** Inspect the spreader thoroughly, focusing on the hopper, spread disc, gearbox, and drive mechanism.
- Step 2: Obtain Genuine Replacement Parts** Use manufacturer-approved parts to ensure compatibility and durability. You can purchase parts directly from Garden Plus or authorized dealers.
- Step 3: Disassemble the Spreader** Remove bolts, screws, or clips holding the damaged part. Keep track of small components for reassembly.
- Step 4: Install the New Part** Follow manufacturer instructions for installation. Ensure all bolts and screws are tightened securely.
- Step 5: Test the Spreader** Fill the hopper with dry, granular material. Operate the spreader to verify proper function and even distribution.

**Maintenance Tips to Extend the Life of Your Garden Plus Broadcast Spreader** Regular maintenance can significantly extend the lifespan of your spreader parts and improve performance.

- Clean after each use:** Remove residual material and dirt to prevent clogging and corrosion.
- Lubricate moving parts:** Apply appropriate lubricants to gears, wheels, and control mechanisms periodically.
- Inspect regularly:** Check for signs of wear, cracks, or rust and address issues promptly.
- Store properly:** Keep the spreader in a dry, sheltered place during off-season periods.
- Calibrate annually:** Ensure the spreader settings are accurate for consistent coverage.

**Conclusion** Understanding the various Garden Plus broadcast spreader parts is essential for effective maintenance, troubleshooting, and replacement. From the hopper to the spread disc and drive mechanism, each component plays a vital role in the tool's overall performance. Regular

inspection and timely replacement of worn or damaged parts will ensure your spreader operates efficiently, providing even coverage and healthy lawns. By following proper maintenance practices and using genuine parts, you can enjoy many seasons of reliable service from your Garden Plus broadcast spreader.

**Garden Plus Broadcast Spreader Parts: An In-Depth Guide to Maintenance, Repairs, and Optimization**

When it comes to maintaining a lush, healthy lawn, a reliable Garden Plus broadcast spreader is an essential tool for many homeowners and professional landscapers alike. These machines enable efficient spreading of seeds, fertilizers, and other granular materials, ensuring even coverage and optimal growth. However, like any mechanical device, broadcast spreaders are susceptible to wear and tear over time. Understanding the various Garden Plus broadcast spreader parts—from gears to wheels—can dramatically improve your ability to troubleshoot issues, perform maintenance, and extend the lifespan of your equipment. In this comprehensive guide, we'll explore the key components of Garden Plus broadcast spreaders, common problems associated with these parts, and best practices for replacement and maintenance. Whether you're a seasoned landscaper or a DIY homeowner, this resource aims to empower you with the knowledge needed to keep your spreader operating at peak performance.

**Understanding the Key Garden Plus Broadcast Spreader Parts**

A broadcast spreader consists of several integral components working together to deliver an even spread of materials across your lawn. Familiarity with these parts is vital for diagnosing issues and executing effective repairs.

**Main Components of a Broadcast Spreader**

- Hopper**The large container that holds the fertilizer, seed, or other granular material. Typically made of durable plastic or metal, the hopper's size determines how much material can be spread before refilling.
- Drive Mechanism**Includes gears, a drive wheel, and sometimes a manual crank, which propel the spreader forward and activate the dispensing mechanism.
- Dispensing Plate or Rotor**The rotating part that controls the flow and distribution pattern of the material. Its design influences how evenly the material is spread.
- Agitator or Agitating Mechanism**Ensures that the contents in the hopper do not clog or bridge, especially with sticky or clumping materials.
- Wheels**Support mobility and ease of use. The wheels' size and tread can impact maneuverability over different terrains.
- Flow Control Lever or Gate**Regulates the amount of material dispensed, allowing for adjustable coverage rates.
- Frame and Handle**Provides structural support and ergonomic control for the user.

**Common Garden Plus Broadcast Spreader Parts and Their Functions**

**Gears and Transmission Components**  
**Function:** The gears transfer the rotational motion from the wheels to the dispensing mechanism. They are crucial for controlling the flow rate and ensuring consistent distribution.  
**Common Issues:** Wear and tear leading to slipping or jamming. Bent or broken gear teeth due to overloading or debris.  
**Replacement Tips:** Use manufacturer-approved gear replacements for compatibility. Regularly inspect for signs of damage or corrosion.

**Wheels and Axles**  
**Function:** Facilitate movement and influence the ease of spreading. Larger wheels handle uneven terrain better, whereas smaller wheels are suitable for flat surfaces.  
**Common Issues:** Worn-out or cracked tires. Loose or bent axles.  
**Replacement Tips:** Choose wheels with appropriate tread and size. Keep axles lubricated and tighten nuts and bolts

regularly. Dispensing Plate or Rotor Assembly Function: Rotates to disperse material evenly across the spread width. Adjusting the rotor can modify the pattern and coverage. Common Issues: Jamming caused by debris or hardened material. Worn or damaged blades reducing spread accuracy. Replacement Tips: Clean thoroughly after each use. Replace blades or entire rotor if damaged or worn. Flow Control Gating System Function: Allows the user to control the quantity of material released. Settings can usually be adjusted for different spreading requirements. Common Issues: Sticking or sticking due to buildup. Malfunctioning levers or cables. Replacement Tips: Keep the gating mechanism clean and lubricated. Replace faulty levers or cables promptly. Agitator Components Function: Prevents clogging by moving the material inside the hopper, especially with sticky substances. Common Issues: Breakage of agitator arms. Obstruction due to hardened material. Replacement Tips: Regularly inspect and clear obstructions. Replace broken agitator parts as needed.

**Troubleshooting Common Problems with Garden Plus Broadcast Spreader**

**Issue 1: Uneven or Inconsistent Spreading**  
Possible Causes: Worn or damaged gears or rotor assembly. Blocked or clogged flow gate. Improper calibration.  
Solutions: Inspect and replace worn gears and rotor parts. Clean and lubricate the flow gate. Re-calibrate the spreader according to the manufacturer's instructions.

**Issue 2: The Spread Dispenser Not Turning**  
Possible Causes: Broken or jammed drive gears. Worn-out wheels or axles. Obstruction in the rotor.  
Solutions: Check gear engagement and replace if necessary. Ensure wheels spin freely and are properly attached. Clear any debris or hardened material from the rotor.

**Issue 3: Material Not Dispensing or Very Slow**  
Possible Causes: Blocked or damaged flow gate. Worn flow control components. Clogged or worn rotor blades.  
Solutions: Clean or replace the flow gate and control levers. Inspect and replace rotor components if damaged. Ensure hopper contents are free of clumps.

**Issue 4: Wheels Not Turning or Slipping**  
Possible Causes: Loose or damaged axles. Worn tires or wheels. Obstructions in wheel assembly.  
Solutions: Tighten or replace axles and wheel nuts. Replace worn or damaged tires. Clear debris from wheel hubs.

**Maintenance and Replacement Best Practices**

**Regular Inspection and Cleaning** After each use, clean the hopper, rotor, and flow gate to prevent buildup. Check gears, wheels, and axles for signs of wear or damage. Lubricate moving parts according to manufacturer recommendations.

**Proper Storage** Store your broadcast spreader in a dry, sheltered location to prevent rust and corrosion. Empty the hopper before long-term storage to prevent material hardening.

**Replacement Parts Sourcing** Always use OEM (Original Equipment Manufacturer) parts for compatibility and durability. Consult the user manual or manufacturer's website for part numbers. Consider aftermarket parts only if they meet quality standards.

**Calibration and Adjustment** Periodically calibrate your spreader to ensure even application. Adjust flow control settings based on the material type and coverage area.

**Conclusion: Maximizing Your Garden Plus Broadcast Spreader's Lifespan** A well-maintained Garden Plus broadcast spreader can serve you reliably season after season, providing consistently even coverage that promotes a healthy lawn. Understanding the key spreader parts, their functions, and common issues is critical for effective troubleshooting and maintenance. Regular inspections, timely replacements, and proper storage are investments that will maximize your equipment's performance and lifespan. Whether you're dealing with a jammed rotor, worn wheels, or a malfunctioning flow gate, knowing which parts to focus on simplifies repairs and minimizes downtime. Remember to always choose quality replacement parts

and follow the manufacturer's guidelines for maintenance. With diligent care, your broadcast spreader will continue to be an indispensable tool in achieving the perfect lawn. Stay tuned for more tips on lawn care tools, maintenance hacks, and expert advice to keep your garden thriving!

## QuestionAnswer

What are the most common parts of a Garden Plus broadcast spreader that need replacement?

Common replacement parts include the hopper, agitator, drive chain, wheel assembly, and the deflector shield.

How can I identify if my Garden Plus broadcast spreader parts are worn out or damaged?

Signs include uneven spreading, jammed parts, cracks in the hopper, or malfunctioning wheels. Regular inspection helps in early detection.

Where can I purchase genuine Garden Plus broadcast spreader parts?

Genuine parts can be purchased from authorized Garden Plus dealers, the official website, or reputable online retailers specializing in lawn equipment parts.

Are replacement parts compatible with all Garden Plus broadcast spreader models?

Compatibility depends on the specific model. Always check the model number and part compatibility before purchasing replacement parts.

How do I install new parts on my Garden Plus broadcast spreader?

Installation instructions vary by part, but generally involve removing the damaged component, aligning the new part properly, and securing it according to the manufacturer's guidelines, which are often included in the manual.

Can I upgrade certain parts of my Garden Plus broadcast spreader for better performance?

Yes, upgrading parts like wheels or the agitator can improve performance. Ensure that the upgraded parts are compatible with your specific model.

What maintenance tips can help prolong the life of my Garden Plus broadcast spreader parts?

Regular cleaning, lubrication of moving parts, proper storage, and avoiding overloading can extend the lifespan of your spreader parts.

Is it cost-effective to repair broken parts of my Garden Plus broadcast spreader or should I replace the entire unit?

Repairing damaged parts is often cost-effective if the spreader is still functional overall. However, if multiple parts are worn out or the unit is outdated, replacement might be more economical.

Are there any specific tools required to replace parts on a Garden Plus broadcast spreader?

Basic tools such as screwdrivers, pliers, and possibly wrenches are typically needed. Refer to the repair manual for specific tool requirements for your model.

Related keywords: garden, broadcast spreader, parts, replacement, accessories, fertilizer spreader, lawn equipment, spreader parts, repair, outdoor tools

## Scotts deluxe edgeguard spreader settings chart

scotts deluxe edgeguard spreader settings chart When it comes to lawn care and ensuring your grass receives the optimal amount of fertilizer, understanding the correct spreader settings is essential. The Scotts Deluxe Edgeguard Spreader Settings Chart serves as an invaluable resource for homeowners and professional landscapers alike, providing precise guidelines for adjusting the spreader to deliver consistent, even coverage. Proper tuning of your spreader not only promotes a lush, healthy lawn but also prevents over-fertilization and waste. In this comprehensive guide, we will explore the details of the Scotts Deluxe Edgeguard Spreaders, how to interpret the settings chart, and best practices for achieving optimal fertilization results. Understanding the Scotts Deluxe Edgeguard Spreader Features of the Scotts Deluxe Edgeguard Spreader The Scotts Deluxe Edgeguard Spreader is designed with user convenience in mind, featuring: Adjustable settings for precise control over fertilizer distribution. Edgeguard technology to prevent fertilizer from spilling over onto sidewalks or driveways. A large hopper capacity, reducing the need for frequent refills. Durable construction suitable for various lawn sizes. Easy-to-use settings dial for quick adjustments. Why Correct Settings Matter Incorrect spreader settings can lead to uneven fertilization, causing patches of over- or under-fed grass. This can result in: Lawn damage due to over-fertilization (burning the grass). Poor growth where fertilizer is insufficient. Increased waste and expense. Therefore, using the correct settings as per the chart ensures that you apply the right amount of fertilizer consistently across your lawn. The Scotts Deluxe Edgeguard Spreader Settings Chart Explained How to Use the

Settings ChartThe settings chart correlates the type of fertilizer you are using with a numerical setting on your spreader. These settings are typically adjustable via a dial or slider marked with numbers or letters. To use the chart:Identify your fertilizer type (e.g., granular or specific brand).Check the fertilizer bag for the recommended application rate.Find the corresponding setting on the chart for your fertilizer.Adjust the spreader to that setting.Test the spreader on a small area to confirm the coverage.Fertilizer Types and Corresponding SettingsDifferent fertilizers have varying particle sizes and weight, which influence how they flow through the spreader. The chart generally categorizes these into:Slow-release fertilizersFast-release fertilizersSpecialty blends (weed control, seed, etc.)Below is a typical outline of the settings:

| Fertilizer Type                       | Spreader Setting (Number) |
|---------------------------------------|---------------------------|
| Scotts Turf Builder                   | 4-8                       |
| Scotts Starter Fertilizer             | 3-5                       |
| For new lawns or overseeding          | 4-6                       |
| Weed & Feed Blends                    | 4-6                       |
| Follow specific product instructions  | 5-7                       |
| Slow-release Granules                 | 5-7                       |
| For extended feeding period           | 1-3                       |
| Seed or Lime                          | 1-3                       |
| Use lower settings for fine particles |                           |

[Note: Always verify with your specific fertilizer's packaging for exact recommendations.]

Step-by-Step Guide to Setting Your Scotts Deluxe Edgeguard Spreader

Gather Your Materials

- Scotts Deluxe Edgeguard Spreader
- Fertilizer or lawn treatment product
- Lawn measuring tools (optional but helpful)
- Garden gloves and protective gear

Consult the Fertilizer Packaging

Read the label for:

- Recommended application rate (e.g., pounds per 1,000 sq. ft.)
- Particle size and type

Refer to the Settings Chart

Using the fertilizer information, find the corresponding setting:

- For example, if using Scotts Turf Builder, set the dial to 4-8.
- For seed or lime, set to 1-3.

Adjust the Spreader

Turn the dial to the desired setting.

Ensure the setting is secure and properly aligned.

Conduct a Test Run

Apply on a small, measured section of your lawn.

Use a yardstick or measuring tape to mark the area.

After spreading, check the coverage to ensure it matches the recommended application.

Apply the Fertilizer

Proceed with full coverage, overlapping slightly if necessary.

Maintain consistent walking speed for uniform application.

Tips for Effective Fertilizer Spreading

- Calibrate your spreader periodically to account for wear and tear.
- Avoid windy days to prevent fertilizer drift.
- Apply in dry weather to prevent runoff and ensure absorption.
- Follow safety guidelines?wear gloves and wash hands afterward.
- Clean the spreader after use to prevent clogging.

Common Troubleshooting and Adjustments

Over-application Signs

- Lawn appears burnt or brown patches.
- Excess fertilizer runoff during watering.
- Solution: Reduce the setting number, and always start with a lower setting and increase if needed.

Under-application Signs

- Sparse or uneven growth.
- Visible patches of un-fertilized grass.
- Solution: Increase the setting gradually, ensuring coverage consistency.

Uneven Coverage

- Walking speed varies.
- Calibration issues.
- Solution: Maintain a steady pace and verify the spreader is calibrated correctly.

Maintaining Your Scotts Deluxe Edgeguard Spreader

Proper maintenance extends the life of your spreader and ensures consistent application:

- Clean after each use to remove fertilizer residue.
- Store in a dry place to prevent rusting.
- Periodically inspect and lubricate moving parts.
- Replace worn parts promptly.

Conclusion:

Optimizing Lawn Fertilization with the Correct Settings Chart

An effective lawn fertilization routine hinges on using the right spreader settings. The Scotts Deluxe Edgeguard Spreader Settings Chart provides an easy-to-follow reference that helps you achieve uniform coverage and healthy grass

growth. By understanding your fertilizer type, accurately adjusting your spreader, and following best practices, you can maintain a lush, vibrant lawn year-round. Remember, consistent application and proper equipment maintenance are key to lawn care success.

**FAQs About Scotts Deluxe Edgeguard Spreader Settings**

**Q1: How often should I calibrate my spreader?****A:** It's recommended to calibrate your spreader at least once per season or after changing fertilizer types to ensure accurate application.

**Q2: Can I use the same settings for all fertilizer brands?****A:** Not necessarily. Different brands may have varying particle sizes and formulations. Always refer to the fertilizer packaging and consult the settings chart.

**Q3: What is the best way to test my spreader settings?****A:** Conduct a test on a small, measured area and check coverage before applying to the entire lawn.

**Q4: How do I adjust for uneven terrain?****A:** Walk slowly and steadily, maintaining a consistent pace. Adjust your spreader settings if necessary for slopes or uneven areas.

**Q5: Is it safe to use the spreader on wet grass?****A:** It's best to apply fertilizer on dry grass to prevent runoff and ensure better absorption.

By adhering to the Scotts Deluxe Edgeguard Spreader Settings Chart and following proper application techniques, you can effectively nourish your lawn and enhance its beauty. Regular maintenance, calibration, and understanding your fertilizer's requirements are essential steps toward achieving a thriving, healthy yard.

**Scott's Deluxe Edgeguard Spreader Settings Chart: An In-Depth Investigation**

In the realm of lawn care and fertilization, precision is paramount. Among the tools that stand at the forefront of this pursuit are broadcast spreaders—devices designed to distribute seeds, fertilizer, and other lawn amendments evenly across expansive areas. One such device that has garnered attention among professional landscapers and avid homeowners alike is Scott's Deluxe Edgeguard Spreader. Central to maximizing its effectiveness is understanding the Scott's Deluxe Edgeguard Spreader Settings Chart, a comprehensive guide that promises optimal performance when used correctly. This article delves into the origins, design, functionality, and practical application of this spreader and its settings chart, offering a detailed analysis for users seeking precision and efficiency in their lawn care routines.

**Understanding the Scott's Deluxe Edgeguard Spreader**

**Design and Features**

Scott's Deluxe Edgeguard Spreader is a push-type broadcast spreader designed for versatility and ease of use. Its key features include:

- Edgeguard Mechanism:** A built-in adjustable shield that prevents product from spreading onto flower beds, driveways, or sidewalks.
- Adjustable Settings:** A dial or lever system that controls the spreader's rate of material dispersal.
- Large Capacity Hopper:** Capable of holding significant quantities of seed or fertilizer, reducing the need for frequent refills.
- Durable Construction:** Made with corrosion-resistant materials suitable for outdoor use.
- Mobility and Stability:** Wide wheels and ergonomic handle design facilitate smooth operation across uneven terrains.

This combination of features aims to offer users a tool that is both user-friendly and capable of delivering a uniform application.

**Intended Use and Target Audience**

While primarily marketed to homeowners, Scott's Deluxe Edgeguard Spreader also appeals to professional landscapers due to its reliability and precision. Its adjustable settings are meant to accommodate various materials, from fine grass seed to coarse lawn fertilizer, making it a

versatile choice for different lawn care tasks. The Importance of Proper Settings in Lawn Spreading

Correctly configuring a spreader is crucial for several reasons:

- Uniform Coverage: Ensuring even distribution prevents patchy growth or over-fertilization.
- Cost Efficiency: Proper settings minimize waste, saving money on materials.
- Environmental Responsibility: Avoiding over-application reduces runoff and potential pollution.
- Lawn Health: Precise application promotes healthy, vigorous turf growth.

Given these factors, the Scott's Deluxe Edgeguard Spreader Settings Chart serves as a critical tool in achieving these objectives.

### Dissecting the Scott's Deluxe Edgeguard Spreader Settings Chart

#### What Is the Settings Chart?

The Scott's Deluxe Edgeguard Spreader Settings Chart is a reference guide that correlates the type of material (seed, fertilizer, etc.) with the appropriate setting number or position on the spreader's adjustment dial. It often includes:

- Material type
- Recommended setting number or dial position
- Application rate (e.g., pounds per 1,000 square feet)
- Additional notes or precautions

This chart is typically provided in the user manual, printed directly on the spreader, or available online through Scotts' official resources.

#### Structure and Content of the Chart

Most settings charts are organized into a table format, presenting data such as:

| Material Type             | Recommended Setting | Coverage Area | Notes                      |
|---------------------------|---------------------|---------------|----------------------------|
| Grass Seed                | 3                   | 2,500 sq ft   | Use for light seeding      |
| Fertilizer (slow-release) | 4                   | 2,000 sq ft   | Avoid over-application     |
| Lawn Fertilizer           | 5                   | 2,000 sq ft   | For standard fertilization |

It's important to note that these numbers are guidelines; actual optimal settings may vary based on factors like material granularity, moisture level, and terrain.

#### Analyzing the Accuracy and Reliability of the Settings Chart

##### Sources and Development of the Chart

The settings chart has been developed through:

- Manufacturer Testing: Scotts conducts extensive field tests to determine appropriate settings for various materials.
- User Feedback: Thousands of users contribute experiential data, refining the recommended settings.
- Industry Standards: Aligning with best practices in lawn care and agronomy.

However, variability in materials and environmental conditions means the chart is best used as a starting point rather than an absolute directive.

##### Limitations and Variations

While the chart offers valuable guidance, some limitations include:

- Material Variability: Different brands or batches of fertilizer or seed may have different particle sizes, affecting spread rate.
- Environmental Factors: Wind, humidity, and terrain can influence application accuracy.
- Spread Pattern Differences: The spreader's calibration may differ between units, even of the same model.

Thus, users are encouraged to conduct small test patches to fine-tune settings before large-scale application.

#### Practical Application of the Settings Chart

##### Step-by-Step Guide to Using the Chart Effectively

- Identify the Material: Determine whether you are spreading grass seed, fertilizer, or other amendments.
- Consult the Chart: Find the recommended setting number or dial position for your material.
- Prepare the Spread Rate: Measure the area you intend to cover.
- Calibrate the Spread Rate: Conduct test runs on a small section to verify the actual application rate.
- Adjust Accordingly: Fine-tune the spreader settings based on test results.

Apply in Good Conditions: Avoid windy days or wet conditions to ensure even distribution.

Maintain Consistency: Keep the spreader moving at a steady pace for uniform coverage.

#### Tips for Optimal Results

- Always wear protective gear when handling chemicals.
- Use a marker or boundary string to delineate application areas.
- Refill the hopper carefully to prevent uneven distribution.
- Clean the spreader after use to maintain calibration accuracy.

Expert Opinions and User

ExperiencesProfessional PerspectivesLandscape professionals emphasize that adherence to the Scott's Deluxe Edgeguard Spreader Settings Chart significantly improves application results. They recommend:Regular calibration checksUsing test patches before large applicationsDocumenting successful settings for future useExperts also highlight that the spreader's edgeguard feature can influence how the material is dispersed, affecting the effectiveness of the settings.Homeowner FeedbackMany users report that following the chart leads to better lawn health and less waste. However, some note discrepancies between the chart and real-world results, attributing these to variations in material quality or environmental factors. They advise:Starting with conservative settingsAdjusting based on observed coverageKeeping a record of successful configurationsConclusion: Navigating the Complexities of Spread Rate SettingsThe Scott's Deluxe Edgeguard Spreader Settings Chart is a valuable tool designed to streamline the application process and improve lawn care outcomes. While it provides a solid foundation based on manufacturer testing and field experience, users must recognize that variables such as material type, environmental conditions, and equipment calibration can influence results.To maximize the benefits of the chart:Use it as a guideline rather than an absolute rulePerform small test applications to fine-tune settingsRegularly calibrate the spreaderAdjust application rates based on specific lawn needs and conditionsIn the broader context of lawn management, understanding and properly utilizing spreader settings can mean the difference between a lush, healthy yard and subpar results marred by uneven coverage or wasted materials. As such, investing time in learning how to interpret and apply the Scott's Deluxe Edgeguard Spreader Settings Chart is a prudent step toward achieving professional-quality lawn care at home.In SummaryThe Scott's Deluxe Edgeguard Spreader Settings Chart combines manufacturer expertise with practical guidance, offering users a pathway to more effective and efficient lawn fertilization and seeding. Its true value lies in its proper application?coupled with calibration, environmental awareness, and test runs?culminating in a healthier, greener lawn. For lawn care enthusiasts and professionals alike, mastering this tool can elevate the quality and consistency of their work, making it an indispensable component of their gardening arsenal.

## QuestionAnswer

What is the purpose of the Scott's Deluxe Edgeguard Spreader Settings Chart?

The chart provides recommended settings for the Scott's Deluxe Edgeguard Spreader to ensure accurate and efficient fertilizer or seed application tailored to different lawn conditions.

How do I use the Scott's Deluxe Edgeguard Spreader Settings Chart for different grass types?

Identify your grass type on the chart and follow the recommended setting numbers to optimize coverage and prevent over- or under-application for each specific grass type.

Can I adjust the spreader settings for uneven terrain using the chart?

While the chart offers general settings, it's advisable to adjust slightly based on terrain and observe application results to achieve even coverage on uneven surfaces.

Are the settings on the Scotts Deluxe Edgeguard Spreader Settings Chart suitable for all fertilizers?

The chart provides settings for common fertilizers, but for granular fertilizers with different particle sizes, adjustments may be necessary for optimal spreading.

Where can I find the Scotts Deluxe Edgeguard Spreader Settings Chart?

The chart is typically included in the user manual or on the Scotts website under product support and accessories for the Deluxe Edgeguard Spreader.

How often should I refer to the settings chart when using the spreader?

Refer to the chart each time you change products or application rates, and periodically verify settings to ensure consistent and accurate spreading coverage.

Related keywords: scotts deluxe edgeguard spreader, spreader settings chart, scotts spreader calibration, lawn spreader settings, edgeguard spreader adjustment, scotts fertilizer spreader, lawn care equipment, spreader calibration guide, fertilizer spreader settings, scotts spreader manual